1	2	3	4	5
PAKISTAN	IC-131/132	AB-3	Bombay-Karachi-Bombay.	Thrice weekly.
	IC-431/432	B-737	Delhi-Lahore-Delhi.	Twice weekly.
	IC-441/442	B-737	Delhi-Karachi-Delhi.	Twice weekly.
SRI LANKA	IC-507/508	B-737	Trivandram-Colombo-Trivandtum.	Twice weekly.
	IC-573/574	B-737	Madras-Colombo-Madras	Daily.
	IC-577/578	B-737	Tiruchrapalli-Colombo-Tiruchirapalli.	Thrice weekly.
	IC-586/587	B-737	Bombay-Colombo-Bombay.	' Twice weekly.
MALDIVES	IC-563/564	B-737	Trivandrum- Male-Trivandru'm,	Thrice weekly.
SINGAPORE	IC-555/556	AB-8	Madras-Si ngapore- Madras.	Once weekly.

Business-subscriber network Telephone Service

460. SHRI SURENDRA SlNGH THAKUR; Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether there is any proposal under consideration of the Government to introduce a "Business-subscriber uetwork telephone service" in the country;

if so, what are the details thereof; and

(c) what would be its likely impact on the quality of telephone services meant for general public?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS (SHRI SANTOSH MOHAN DEV); (a) Yes, Sir.

(b) The proposals envisage setting up of the following networks;—

(i) *Satellite-based Low Speed Business Data Network.*

This Network will provide the telex, message and inter-active data communication facilities at speeds of 300 or 1200 bits per second, using satellite technology. The Network is basically designed to provide effective communication facilities from various industrial units and project sites in remote and rural areas to their respective headquartei-s. It can, however, be used for providing reliable service in other areas also.

(ii) *Packet Switched Data Network*

This Network will provide the capability of high speed data transmission between computers as well as inter-active access from telex, Public Switched Telephone Network and data terminals to such computers. It will also provide for electronic mail. The Network will also have access from the satellite-based low speed business data network mentioned at (i) above.

(iii) *Business Subscriber Network for Voice and Data*

This Network will consist of a few strategically located switching centres, capable of handling both voice and data inter-connected by reliable long 'distance media. This Network is designed to

provide voice, data teletex, facsimile, videw-tex and electronic mai] services and to divert the high traffic of business subscribers from the normal network.

(iv) *Cellular Radio Telephone Network*

This Network will provide radio based access from mobilejfixed subscriber ter-mintals. While on the one hand, it will provide the capability of mobile service, in fixed service applications, it will eliminate the problems of underground cable network,

(c) With the commissioning of these Networks, the quality of service for general public over the existing network will also improve, as a result of the heavy traffic of the business subscribers being diverted to these Networks.

Shortage of Electric Locomotfrre

461. SHRI SURENDRA SINGH THA-KUR: Will the Minister of RAILWAYS be pleased to state:

(a) whether Government arc aware of shortage of electric locomotive in the country;

(b) if so, what steps have been taken by Government to encourage indigenous manufacturing of electric locomotives in the country.

(c) what steps Government propose to take to meet the shortage of electric locomotives;

(d) whether the shortage of electric locomotives has slowed down the pace of electrification in the country; and

(e) if so, what are the measures taken by the Government to speed up electrification of railway tracks in the country?

THE MINISTER OF STATE OF THE MINISTRY OF RAILWAYS (SHRI MADHAVRAO SCINDIA); (a) There is a marginal shortage of electric locomotives at present.

(b)' and (c) To meet the present shortfall and to cover the requirements in future years, following steps have been taken:—

(i) The capacity of manufacture of electric locomotives " at Chittaranjan Locomotive Works is being increased from 60 to lOO locomotives per year."

(ii) Procurement of 80 to lOO electric locomotives from M|s. Bharat Heavy Electricals Limited is being arranged.

(iii) A limited number of 6000 horse power electric locomotives of latest technology are being imported. This will also enable to update electric locomotive manufacturing technology in the country.

fd) No, Sir.

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(e) Does not arise.

गुजरात में वायूदूत सेवाएं

462. **श्री राम सिंह भाई पातलीया भाई राठवा :** क्या **नागर विमानन मंत्री** यह बताने की कृपा करेंगे कि :

(क) गुजरात के विभिन्न शहरों जैसे राजकोट, भावनगर, अहमदाबाद, जामनगर, कच्छ, सूरत और बड़ौदा आदि को जोड़ने हेतु वायुदूत सेवाओं के परिचालन के लिए सरकार ने 1987-88 और 1988-89 के लिए क्या-क्या योजनायें और परियोजनायें तैयार की हैं ।

(ख) 1 जनवरी, 1986 से 15 जुलाई, 1987 की अवधि के दौरान सरकार को इस संबंध में गुजरात सरकार के विभिन्न चैम्बर आफ कामर्स एण्ड इंडस्ट्रीज संस्थानों तथा संसद सदस्यों से कितने पत्र, सुझाव, ज्ञापन तथा प्रस्ताव आदि प्राप्त हुए ; और

(ग) उसका ब्यौरा क्या है और उन पर क्या कार्यवाही की गई है ?